

KJ2231X1-EA1 SIS Relay Module

Hazardous Atmosphere



Nemko No. 02ATEX431U
EEx nA IIC T4

Power Specifications

Input power	24 VDC, 70 mA
Relay contact	30 VDC, 2.5 A 250 VAC, 2.5 A

Environmental Specifications

Ambient Temperature	-40 to 70° C
Shock	10 G ½-sinewave for 11 ms
Vibration	1 mm peak-to-peak from 5 Hz to 16 Hz, 0.5 g from 16 Hz to 150 Hz
Airborne Contaminants	ISA-S71.04 –1985 Airborne Contaminants Class G3
Relative Humidity	5% to 95% non-condensing

Note: See product label for serial number and location and date of manufacture.

Warning: This product has specific instructions for installation, removal and operation in hazardous areas. Refer to document 12P2046 "*DeltaV™ Scalable Process System Zone 2 Installation Instructions*". Other installation instructions are available in the "*Installing Your DeltaV™ Safety Instrumented System Hardware*" manual.

Removal and Insertion

This unit cannot be removed or inserted with system power energized.

Maintenance and Adjustment

This unit contains no user serviceable parts and should not be disassembled for any reason. Calibration is not required.

Other Safety Approvals



NI CL I, DIV 2, Groups A, B, C, D;
CL I, ZN 2, IIC; T4 Ta = 70°C
Fiber optic port:
AIS CL I, DIV 1, Groups A, B, C, D;
CL I, ZN 0, AEx [ia] IIC; T4 Ta = 70°C



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